

Adobe Dreamweaver CS5 Revealed

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- A team of design professionals including multimedia instructors, students, authors, and editors worked together to create the *Revealed* series.
- *Adobe Dreamweaver CS5 Revealed* uses detailed, vibrant illustrations; clear, straightforward lessons; and real-world case studies to provide an overview of the Dreamweaver interface and how to use it effectively.
- Students gain practical experience with the software as they work through end-of-chapter projects and step-by-step tutorials.
- A user-friendly design creates a solid learning experience that reveals how to master the latest features of Dreamweaver CS5.



- Approved Certification Courseware by Adobe



- Certification grids for both ACE (Adobe Certified Expert) and ACA (Adobe Certified Associate) certifications in the back of the book



CERTIFIED EXPERT



CERTIFIED
ASSOCIATE



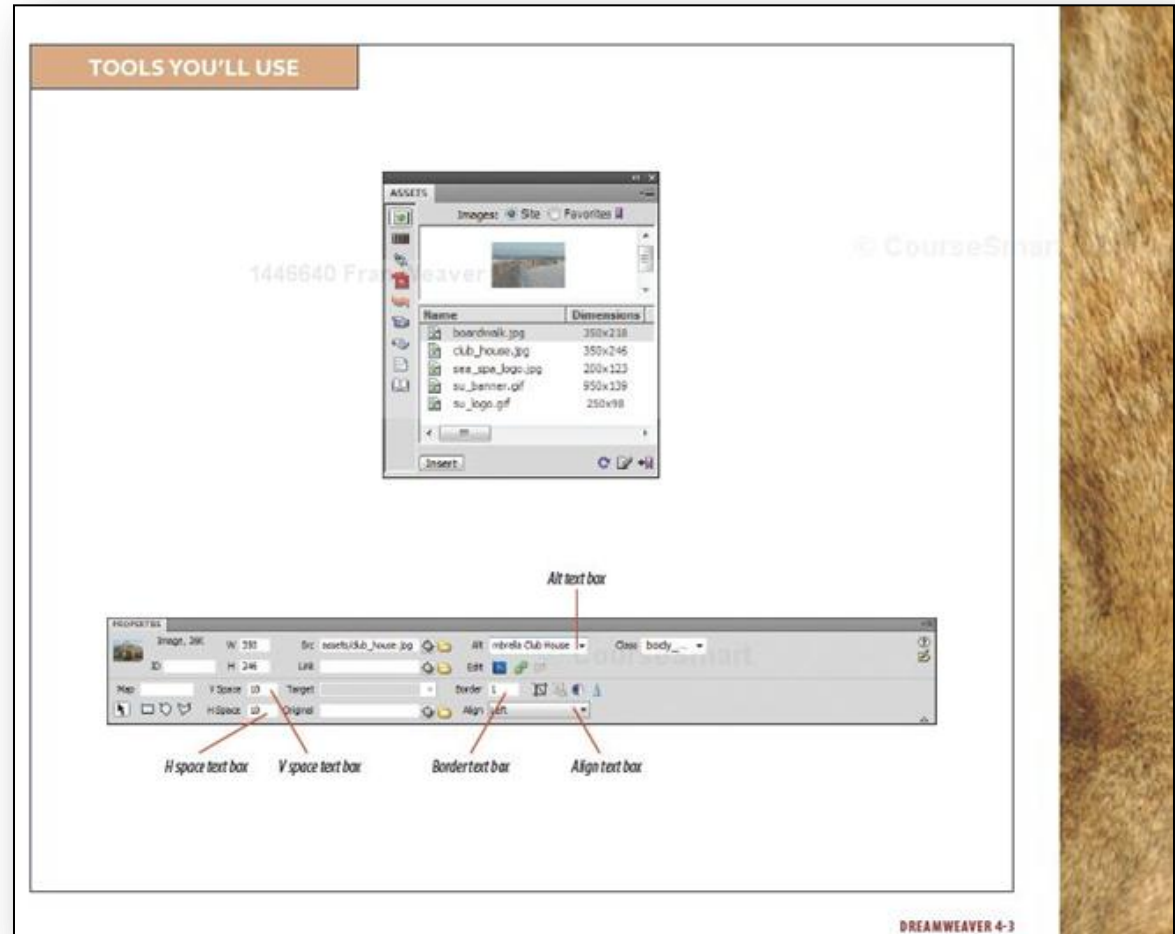
- Covers all the latest Dreamweaver CS5 tools—including the new CSS Enable/Disable CSS Property button, redesigned CSS layouts, Live View Navigation feature and much more.
- All new features are highlighted throughout the text with a new features icon.
- Extensive redesigned data files—including HTML files, text, images, Flash content, and video content—are included with the text to engage students and give them the tools they need to develop a website from start to finish.
- Power User Shortcuts offer Students tips and tricks for quick learning and efficient use of the software.



- Before jumping into instructions, in-depth comprehensive conceptual information tells students “why” skills are applied.
- Also included in the text are tips and sidebars to help students work more efficiently and creatively, or to teach the history or design philosophy behind the skill they are using.




- Each chapter begins with a visual overview of the **Tools You'll Use** in the chapter.



- Each lesson starts with a **What You'll Do** figure. This figure gives students an at-a-glance look at what's to come in the chapter and a detailed description of the following lesson.

LESSON 1

What You'll Do



In this lesson, you will insert three images on the above page in *The Striped Umbrella* website. You will then adjust the alignment of the images on the page to make the page more visually appealing.

Insert and ALIGN IMAGES

Understanding Graphic File Formats

When you choose graphics to add to a web page, it's important to use graphic files in the appropriate file format. The three primary graphic file formats used in web pages are **GIF** (Graphics Interchange Format), **JPEG** or **JPG** (Joint Photographic Experts Group), and **PNG** (Portable Network Graphics). GIF files download very quickly, making them ideal to use on web pages. Though limited in the number of colors they can represent, GIF files have the ability to show transparent areas. JPEG files can display many colors. Because they often contain many shades of the same color, photographs are often saved in JPEG format. Files saved with the PNG format can display many colors and use various degrees of transparency, called **opacity**. However, not all older browsers support the PNG format.

QUICK TIP

The Dreamweaver status bar shows the total download time for the open web page. Each time you add a new graphic to the page, you can see how much additional download time that graphic has added to the total.

Understanding the Assets Panel

When you add a graphic to a website, Dreamweaver automatically adds it to the Assets panel. The **Assets panel**, located in the Files panel group, displays all the assets in a website. The Assets panel contains nine category buttons that you use to view your assets by category. These include Images, Colors, URLs, SWF, Shockwave, Movies, Scripts, Templates, and Library. To view a particular type of asset, click the appropriate category button.

The Assets panel is divided into two panes. When you click the Images button, as shown in Figure 1, the lower pane displays a list of all the images in your site and is divided into five columns. You might need to resize the Assets panel to see all five columns. To resize the Assets panel, undock the Files tab group and drag a side or corner of the panel border.

The top pane displays a thumbnail of the selected image in the list. You can view assets in each category in two ways. You can use the Site option button to view all the assets in a website, or you can use the Favorites option button to view those assets that you have designated



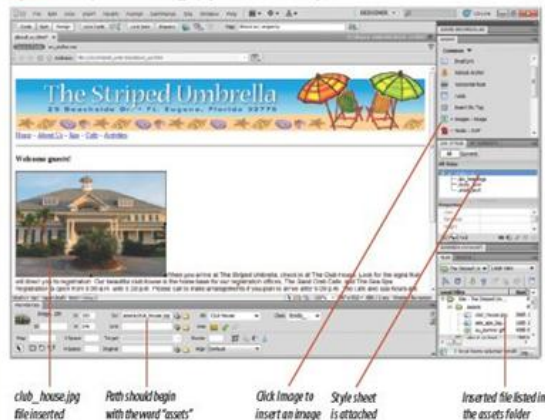
Insert an image

1. Open The Striped Umbrella website, open `dw4_1.html` from the drive and folder where you store your Data Files, then save it as `about_us.html` in the striped_umbrella site root folder.
2. Click Yes (Win) or Replace (Mac) to overwrite the existing file, click No to Update Links, then close `dw4_1.html`.
3. Click the Attach Style Sheet button  in the CSS Styles panel, then attach the `su_styles.css` style sheet to the page.
4. Select the two large paragraphs of text on the page, click the HTML button  on the Property Inspector, verify that the Format is set to Paragraph, click the CSS button , then apply the `body_text` rule to the selected text.
5. Click the HTML button , then apply the Heading 3 tag to the text "Welcome guests!"
6. Place the insertion point before "When" in the first paragraph, click the Images list arrow in the Common category in the Insert panel, then click Image to open the Select Image Source dialog box.
7. Navigate to the assets folder in the drive and folder where you store your Data Files, double-click `club_house.jpg`, type the alternate text Club House if prompted, click OK, open the Files panel if necessary, then verify that the file was copied to your assets folder in the striped_umbrella site root folder.

Compare your screen to Figure 2.

(continued)

Figure 2 The Striped Umbrella `about_us` page with the inserted image



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Figure 3 Image files for The Striped Umbrella website listed in Assets panel



8. Click the Assets panel tab in the Files tab group, click the Images button  in the Assets panel (if necessary), then click the Refresh Site List button  in the Assets panel to update the list of images in The Striped Umbrella website.

The Assets panel displays a list of all the images in The Striped Umbrella website, as shown in Figure 3. If you don't see the new image listed, press and hold [CTRL] (Win) or [⌘] (Mac) before you click the Refresh Site List button.

You inserted one image on the `about_us` page and copied it to the assets folder of the website.

Organizing Assets for Quick Access

You can organize the assets in the Assets panel in two ways, using the Site and Favorites options buttons. The Site option lists all of the assets in the website in the selected category in alphabetical order. But in a complex site, your asset list can grow quite large. To avoid having to scroll to search for frequently used items, you can designate them as Favorites. To add an asset to the Favorites list, right-click (Win) or [control]-click (Mac) the asset name in the Site list, and then click Add to Favorites. When you place an asset in the Favorites list, it still appears in the Site list. To delete an asset from the Favorites list, click the Favorites option button in the Assets panel, select the asset you want to delete, and then press [Delete] or the Remove from Favorites button on the Assets panel. If you delete an asset from the Favorites list, it still remains in the Site list. You can further organize your Favorites list by creating folders for similar assets and grouping them inside the folders.

Lessons walk through each process, step by step with detailed images, icons, tips and notes.



- The end-of-chapter **Skills Review** contains hands-on practice exercises that mirror the progressive nature of the lesson material and provides a concise review of all of the Dreamweaver skills learned in the chapter.
- Each set of steps guides students through a brief lesson where they will create, modify, or enhance a project file. The data Files for the steps are provided on the back of book CD.

SKILLS REVIEW

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Insert and align images.

- Open the Blooms & Bulbs website, open dw4_2.html from the drive and folder where you store your Data Files, then save it as **plants.html** in the Blooms & Bulbs website, overwriting the existing **plants.html** file. Do not update links.
- Verify that the path of the Blooms & Bulbs banner is set correctly to the assets folder in the blooms site root folder.
- Verify that the Accessibility preferences will prompt you to add alternate text to images is set.
- Insert an image placeholder to the left of the words "Who can resist" with the following settings: Name: **rose_bud**; Width: **300 pixels**; Height: **207 pixels**; Alternate text: **Rose bud on bird bath**.
- Use the Browse for file button next to the Src text box on the Property Inspector to replace the image placeholder with the **rose_bud.jpg** file from the assets folder in the drive and folder where you store your Data Files.
- Use Bridge to insert the **rose_bloom.jpg** file from the assets folder in the drive and folder where you store your Data Files, in front of the words "For ease of growing" and add **Rose bloom** as alternate text.
- Insert the **two_roses.jpg** file from the assets folder in the drive and folder where you store your Data Files in front of the words "The Candy Cane" and add **Candy Cane Floribunda** as alternate text.
- Refresh the Files panel to verify that all three were copied to the assets folder.
- Left-align the **rose_bud** image.
- Right-align the **rose_bloom** image.
- Left-align the **two_roses** image.
- Save your work.

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Enhance an image and use alternate text.

- Apply a 1-pixel border, vertical spacing of 10 pixels, and horizontal spacing of 20 pixels around the **rose_bud** image.
- Apply a 1-pixel border, vertical spacing of 10 pixels, and horizontal spacing of 20 pixels around the **rose_bloom** image.
- Apply a 1-pixel border, vertical spacing of 10 pixels, and horizontal spacing of 20 pixels around the **two_roses** image.

Figure 29 Completed Skills Review



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Insert a background image and perform site maintenance.

- Insert the **daisies.jpg** file as a background image from the assets folder where you store your Data Files.
- Save your work.
- Preview the web page in your browser, then close your browser.
- Remove the **daisies.jpg** file from the background.
- Open the Assets panel, then refresh the file list.
- Use the Files panel to delete the **daisies.jpg** file from the list of images.
- Refresh the Assets panel, then verify that the **daisies.jpg** file has been removed from the website.
- View the colors used in the site in the Assets panel, then verify that all are web-safe.
- Save your work.

Add graphic enhancements.

- Select the **two_roses** image on the plants page.
- Use the Link text box on the Property Inspector to link the **two_roses** image to the **two_roses_large.jpg** file in the assets folder where you store your Data Files.
- Add the sentences "You must see a close-up of these beauties! Click the image on the left to enlarge them." at the end of the last paragraph.
- Save your work, preview the page in the browser, then click the **two_roses** image to view the larger version of the image.
- Use the Back button to return to the plants page, then close the **dw4_2.html** data file.

SKILLS REVIEW

(CONTINUED)

- Open Windows Explorer (Win) or Finder (Mac), browse to the folder where you store your Data Files, then copy the file **flower.kcs**.
- Paste the file **flower.kcs** in the blooms site root folder, then rename it **farvicon.kcs**.
- Open Windows Explorer (Win) or Finder (Mac), then switch to Code view for the plants page.
- Insert a blank line above the title tag, then type this code directly above the **<title>** tag:
`<link rel="shortcut icon" href="farvicon.kcs" type="image/x-icon"/>`
- Verify that you entered the code correctly, copy the new line of code, then switch back to Design view.
- Copy the same code you typed in step 9 to the index and tips pages, then save all files.
- Preview the page in the browser, compare your screen to Figure 30, then close all open pages.

Figure 30 Completed Skills Review



PROJECT BUILDER 1

in CourseSmart

Use Figure 31 as a guide to continue your work on the TripSmart website that you began in Project Builder 1 in Chapter 1, and continued to work on in Chapters 2 and 3. You are now ready to begin work on the destinations page that showcases one of the featured tours to Spain. You want to include some colorful pictures on the page.

1. Open the TripSmart website.
2. Open `dw4_3.html` from the drive and folder where you store your Data Files and save it in the tripmart site root folder as `tours.html`, overwriting the existing `tours.html` file and not updating the links.
3. Verify that the path for the banner is correctly set to the assets folder of the TripSmart website.
4. Attach the `tripmart_styles.css` file, then apply the paragraph_text rule to all of the text on the page except the "Destination: Spain" heading.
5. Apply the Heading 2 format to the "Destination: Spain" heading.
6. Insert `bull_fighter.jpg` from the assets folder in the drive and folder where you store your Data Files to the left of the sentence beginning "Our next trip to Spain", then add appropriate alternate text.
7. Insert `stallion.jpg` from the assets folder in the drive and folder where you store your Data Files to the left of the sentence beginning "We will also visit Jerez", then add appropriate alternate text.
8. Align both images using the Align button in the Property Inspector with alignments of your choice, then add horizontal spacing, vertical spacing, or borders if desired.

9. Apply any additional formatting to enhance the page appearance if you would like to, then add the page title **Destination: Spain**.
10. Check the site for non-web-safe colors and remove them if you find any.
11. Copy the file `airplane.ico` from the folder where you store your data files to your site root folder, then rename it `flavicon.ico`.

12. Add appropriate code to the head content to link the favicon to the page, then copy the code to the index and newsletter pages.
13. Save your work, then preview the tours, index, and newsletter pages in your browser. (Hint: If previewing the page in Internet Explorer 7, click the Information bar when prompted to allow blocked content.)
14. Close your browser, then close all open files.

Figure 31 Sample Project Builder 1



PROJECT BUILDER 2

In this exercise, you continue your work on the Carolyn's Creations website that you started in Project Builder 2 in Chapter 1, and continued to build in Chapters 2 and 3. You are now ready to add a new page to the website that will display featured items in the kitchen shop. Figure 32 shows a possible solution for this exercise. Your finished page will look different if you choose different formatting options.

1. Open the Carolyn's Creations website.
2. Open `dw4_4.html` from the drive and folder where you store your Data Files, save it to the site root folder as `shop.html`, overwriting the existing file and not updating the links.
3. Insert `paella_pan.jpg` from the assets folder in the drive and folder where you store your Data Files, on the page, add alternate text and your choice of alignment, horizontal space, and vertical space settings. (Hint: In Figure 32 the align setting is set to right, and the H space is set to 30.)
4. Attach the `cc_styles.css` file to the page.
5. Apply the `nav_bar` rule to the navigation links, the headings rule to the page heading "January Special: Paella Pans" and the body_text rule to the paragraphs of text.
6. Link the `paella_pan` image to the file `paella.jpg` from the assets folder where you store your Data Files, then enter some descriptive text on the page to prompt viewers to click on the `paella_pan` image.

7. Save the shop page, then preview it in the browser. (Hint: If previewing the page in Internet Explorer 7, click the Information bar when prompted to allow blocked content.)
8. Close your browser, then close all open pages.

Figure 32 Sample Project Builder 2



Two **Project Builder** activities offer a cumulative review where students create a finished piece of work. Examples of the finished projects are shown with the project steps so the student can compare their work to the finished project shown in the book, making it easy to see and fix their mistakes.



- A **Design Project** is featured at the end of each chapter and tests the student's ability to design a piece of finished work.
- Student's are encouraged to take artistic license in creating their work.

DESIGN PROJECT

Patsy Broers is working on a team project to design a website for her high school drama department. She has been assigned the task of gathering images to add interest and color.

1. Connect to the Internet, then navigate to the William J. Clinton Presidential Center website at www.clintonpresidentialcenter.org, shown in Figure 33.
2. Do you see a favicon used on the page?
3. Are any of the images on the page used as links to other images or pages?
4. Is a background image used for any of the page objects?
5. How do the images, horizontal and vertical spacing, color, and text work together to create an attractive and interesting experience for viewers?

Figure 33 Design Project



The William J. Clinton Presidential Center website used with permission from the William J. Clinton Presidential Center www.clintonpresidentialcenter.org



- **Portfolio Projects** are included at the end of each chapter and encourage students to solve challenges based on the content explored in the chapter.
- Strategies and methods for achieving the project are suggested rather than following a step-by-step approach

PORTFOLIO PROJECT

In this assignment, you will continue to work on the website that you started in Chapter 1, and continued to build in Chapters 2 and 3. No Data Files are supplied. You are building this site from chapter to chapter, so you must do each Portfolio Project assignment in each chapter to complete your website.

You continue building your website by inserting appropriate images on a page and enhancing them for maximum effect. You will also check for non-web-safe colors and remove any that you find.

1. Consult your wireframe and decide which page to create and develop for this chapter.
2. Plan the page content and make a sketch of the layout. Your sketch should include several images and a background color or image.
3. Create the page using your sketch for guidance.
4. Access the images you gathered, and place them on the page so that the page matches the sketch you created in Step 2. Add a background image if you want, and appropriate alternate text for each image.
5. Remove any non-web-safe colors.
6. Identify any files in the Assets panel that are currently not used in the site. Decide which of these assets should be removed, then delete these files.
7. Preview the new page in a browser, then check for page layout problems and broken links. (Hint: If previewing the page in Internet Explorer 7, click the information bar when prompted to allow blocked content.) Make any necessary corrections in Dreamweaver, then preview the page again in the browser. Repeat this process until you are satisfied with the way the page looks in the browser.
8. Use the checklist in Figure 34 to check all the pages in your site.
9. Close the browser, then close the open pages.

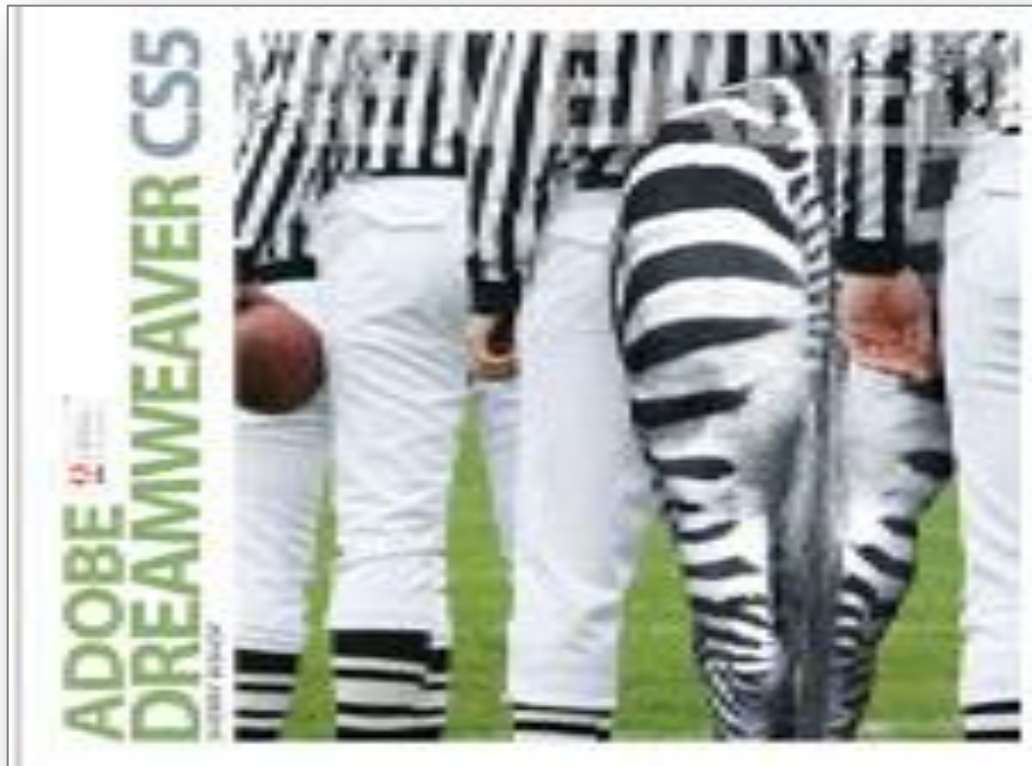
Figure 34 Portfolio Project checklist

Website Checklist

1. Does each page have a page title?
2. Does the home page have a description and keywords?
3. Does the home page contain contact information?
4. Does the home page have a last updated statement that will automatically update when the page is saved?
5. Do all paths for links and images work correctly?
6. Do all images have alternate text?
7. Are all colors web-safe?
8. Are there any unnecessary files you can delete from the assets folder?
9. Is there a style sheet with at least two rules?
10. Did you apply the rules to all text?
11. Do all pages look good using at least two different browsers?

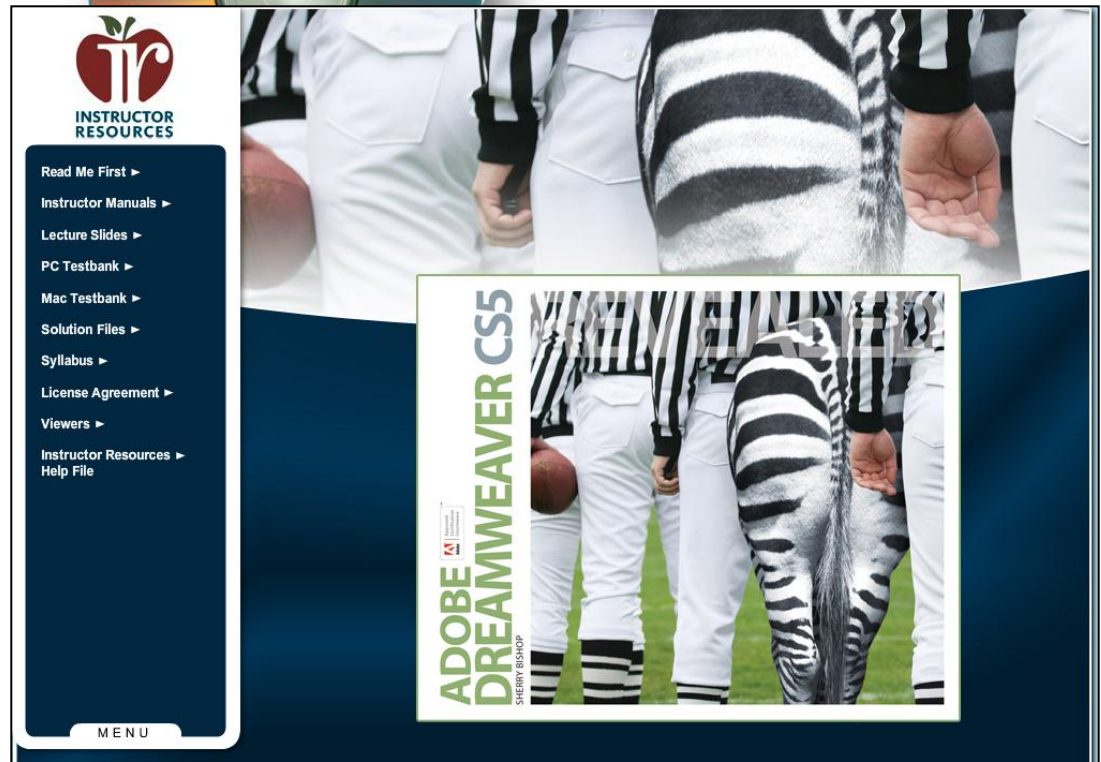


Student data files needed to complete the exercise, lessons, and projects in the book




An Instructor Resource CD available with this book includes:

- Instructor's Manual
 - Chapter overviews
 - Detailed lecture topics
 - Classroom activities and more
- PowerPoint presentations (Lecture Slides)
- Solutions to exercises
- Test banks
- Computerized testbank in ExamView
- eBook available



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